REPORT NO. 78-3-27

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: UWHARRIE NATIONAL FOREST

STATE: NORTH CAROLINA

AREA WITHIN SURVEY BOUNDARY: 220,202 ACRES

PERCENT COVERAGE: 50%

DATE: AUGUST 15, 1978

AIRCRAFT: CESSNA 182

CREW: J. GHENT, W.A. CAROTHERS

REPORT PREPARED BY: W.A. CAROTHERS

SURVEY OBJECTIVES: TO DETECT THE PRESENCE OF FOREST INSECTS OR DISEASES ADVERSELY AFFECTING THE UWHARRIE NATIONAL FOREST.

SURVEY RESULTS

1. NINE SPOTS OF RED-TOPPED PINES WERE OBSERVED. ONE SPOT CONTAINED THREE TREES. THE REMAINING SPOTS CONSISTED OF ONE RED-TOPPED PINE PER SPOT.

2. ONE AREA CONTAINING APPROXIMATELY EIGHT REDDENED HARDWOODS WAS OBSERVED.

CONCLUSIONS

THE RESULTS OF THE AERIAL DETECTION SURVEY INDICATE THAT FOREST INSECT ACTIVITY IS PRESENTLY AT A LOW LEVEL ON THE UWHARRIE NATIONAL FOREST. NONE OF THE NINE SPOTS OF RED-TOPPED PINES APPEARED TO BE ACTIVE. THE AREA OF REDDENED HARDWOODS CONTAINING APPROXIMATELY EIGHT TREES WILL BE GROUND CHECKED BY NATIONAL FOREST PERSONNEL TO DETERMINE THE CAUSAL AGENT. FIELD SURVEILLANCE BY NATIONAL FOREST PERSONNEL SHOULD CONTINUE.

FOR ANY ADDITIONAL INFORMATION, CONTACT:

FOREST INSECT AND DISEASE MANAGEMENT UNIT, S&PF
USFS - SOUTHEASTERN AREA

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U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
EDWARD P. CLIFF, CHIEF

UWHARRIE NATIONAL FOREST
NORTH CAROLINA

1963

Scale
1 0 1 2 3 4 5 miles

LEGEND

- National Forest Boundary
- Paved Road
- All Weather Road
- Dirt Road
- Primitive Road
- Trail
- Railroad
- Triangulation station
- Triangulation and Permanent Lookout Station
- District Ranger Station
- Permanent Lookout Station
- Church
- School
- Cemetery
- National Forest Land
- U.S. Highway
- State Highway
- Forest Development Road

FOREST SUPERVISOR'S OFFICE AT ASHEVILLE, NORTH CAROLINA

DISTRICT RANGER'S OFFICE AT TROY, NORTH CAROLINA

AERIAL DETECTION SURVEY

UWHARRIE NATIONAL FOREST
8/15/78 U.S.F.S. AERIAL SURVEY TEAM

⊙1 LOCATION OF DEAD OR DYING PINES WITH NUMBER OF AFFECTED TREES

⊡8 LOCATION OF REDDENED HARDWOODS WITH NUMBER OF AFFECTED TREES

KEY MAP

Polyconic projection
1927 North American datum

10' 80°00' 50'